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Health-related quality of life after 6 months post-injury on severe traumatic brain injury: A cohort study in two Malaysian hospitals

Ludin, Salizar Mohamed ; [Rashid, Nor'ain Abdul](#)[Save all to author list](#)^a Critical Care Nursing Department, Kulliyah of Nursing (Faculty), International Islamic University Malaysia, Pahang, Malaysia2 50th percentile
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Views count [View all metrics](#) [Full text options](#) [Export](#) **Abstract**[Author keywords](#)[SciVal Topics](#)[Metrics](#)[Funding details](#)**Abstract**

Objective: Severe traumatic brain injury (TBI) survivors show physical and functional improvement but remain with the cognitive and psycho-social problem through our recovery. This study aims to measure the health-related quality of life of TBI survivors within 6 months post-injury. **Method:** A cohort study was conducted where 33 severe TBI survivors recruited at two tertiary hospitals. The health-related quality of life was measured using the Quality of Life after Brain Injury (QOLIBRI) tool. **Results:** Participants mean age was 31.79 years old. The impaired range of health-related quality of life on 6 months post-injury seen, but an improvement occurs within 3–6 months post-injury.

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Conclusions: Age and ventilation duration showed a moderate negative correlation in all domains and length of hospital stay showed a moderate negative correlation to social, daily life and self-domains. Nevertheless, small sample size and time constraint were the limitations of this study. © 2019

Author keywords

Brain injury; Head injury; Health-related quality of life; Quality of life; Survivor

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